

D. Haworth
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PATENT
Docket No. 55436US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Moses M. DAVID et al.) Group Art Unit: 1743
Serial No.: 09/519,448)
Confirmation No.: 6966) Examiner: Lyle Alexander
Filed: 5 March 2000)
For: FLUID HANDLING DEVICES WITH DIAMOND-LIKE FILMS

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TECHNOLOGY CENTER 2800

Assistant Commissioner for Patents
Washington D.C. 20231

Dear Sir:

In response to the Office Action mailed 31 January 2003, please amend the above-identified application as follows:

In the Claims

Please amend claims 26 and 31-32. The amended claims are provided below in clean form. Per 37 C.F.R. §1.121, amended claims are also shown in Appendix A with notations to indicate changes made (for convenience, all pending claims are provided in Appendix A).

26. (Amended) A method of manufacturing a fluid handling device comprising a microfluidic article comprising a microfluidic handling architecture comprising a fluid handling surface wherein at least a portion of the fluid handling surface includes a hydrophilic diamond-like film disposed thereon, the method comprising manufacturing a hydrophilic diamond-like film by a method comprising treating a diamond-like film in an oxygen-containing plasma, wherein the film comprises diamond-like glass comprising a dense random covalent system comprising on a hydrogen-free basis at least about 30 atomic percent carbon, at least about 25 atomic percent silicon, and less than or equal to